Snails’R’us

Group  
Vijayarani Narayanan

Jocleyn Kenado  
  
Hypothesis 

Polymorphism of jelly babies in a habitat.

Design- Jelly babies

We decides to place 2 transects going from top to bottom to sample for altitude-climate differences along each of the transects. We will be placing the samples randomly along the transects e.g. some close together and some fare apart because the closer ones will measure genetic drift and the further ones can show variation. All other variables apart from altitude/climate will be kept. 2 samples will be taken from each habitat e.g. scrub woods and open space. A total of 6 samples will be taken.

Advantages of the design:

We are measuring variation in altitude/climate so all other variables will be kept constant. We will also be placing samples at random distances from the transect so this will show evidence of gene flow in the population. We will be taking 2 samples from each habitat to show variation.

Disadvantages of the design:

We only have a limited number of 6 samples and also limited time. We can’t replicate the data in further experiments. Both transects will be in the same direction (vertical).